

5418 TDSI color TV pattern generator

Operating Card

4822 872 10125

980401

Selection of PATTERN; data input if KEYBOARD is selected via INPUT key

- Single or combined patterns
- Vision carrier frequency (3 digits)
- TV channels (2 digits)
- Memory location 0 to 9

Store/recall of 10 setups

- Display of
- Vision carrier frequency
 - TV channel number
 - Memory number

Step keys for

- Fine adjustment of vision carrier frequency
- Memory selection

Selection

- Internal modulation
- External modulation
- Unmodulated carrier
- Modulation modes

Audio frequencies for analog and digital sound

NICAM features:

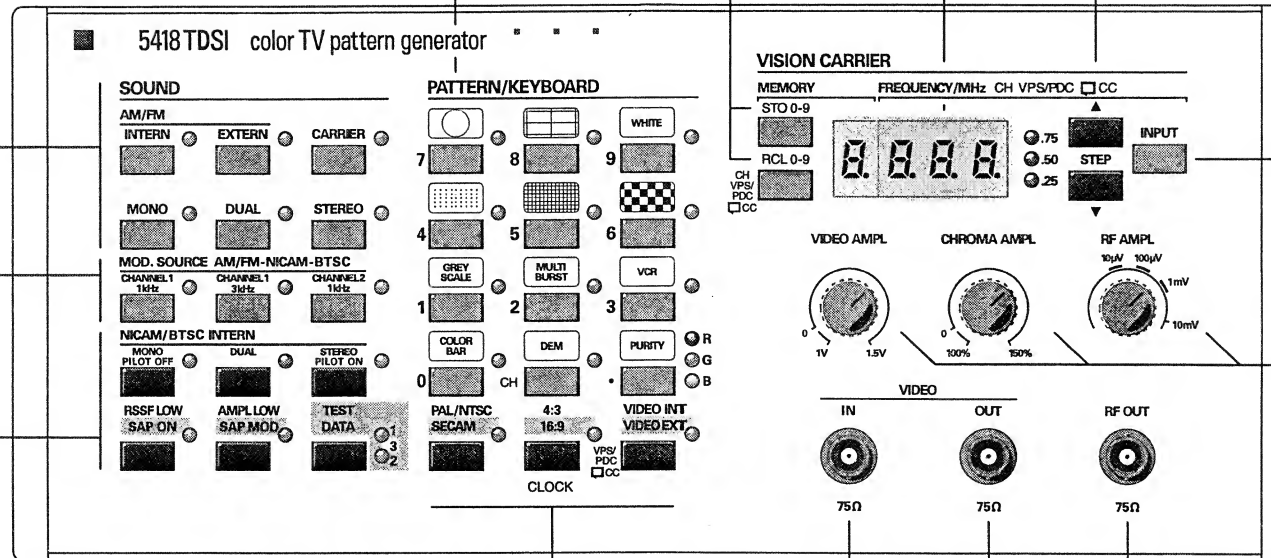
- MONO/DUAL/STEREO
- RSSF low/high
- Amplitude low/high
- 3 test modes

BTSC features:

- PILOT on/off
- SAP carrier on/off
- SAP modulation on/off
- 3 test modes

Power switch

Line/field sync output for trigger purposes, $2.6 V_{pp} / 5 V_{pp}$



Input via KEYBOARD of

- Vision carrier frequency
- TV channel number

Controls for

- Video amplitude 0 to $1.5 V_{pp}$
- Chroma/burst amplitude 0 to 150 %
- RF carrier attenuation >60 dB from 10 mV

Selection of

- TV system
- Aspect ratio format
- Video signal source
- Real-time clock programming

Video input to modulate with external video signals

RF carrier output 10 mV into 75Ω

Video output of CVBS/VBS signal

(Elements are at the rear panel for instruments with NICAM/BTSC sound)